



Bell Laboratories

600 Mountain Avenue
Murray Hill, New Jersey 07974
Phone (201) 582-3000

February 25, 1974

Mr. Martin Gardner
10 Euclid Avenue
Hastings-on-Hudson
New York, N.Y. 10706

Dear Martin:

Thank you for lending me these wonderful booklets. By the way, I think he has left out two self-numbers from his table on page 15 of "Puzzles of the Self-Numbers" and I have pencilled them in. The sequence on page 14 of "Part V" will also go into the supplement to the Handbook.

It is a great pity there is no regular place for such booklets in the mathematical world. However, the magnificent mathematics collection at Brown University has quite a few like this, and so does the Unpublished Mathematical Tables file of the journal Mathematics of Computation (John W. Wrench is the custodian). Perhaps I shall write to D. R. Kaprekar to ask him to deposit copies of his works in these places, so that they won't be lost to the world.

Best regards,

MH-1216-NJAS-mv

N. J. A. Sloane

Enc.
As above

F-kg
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FEB 28 1974

Mr. D. R. Kaprekar
311 Devlali Camp
Devlali (Central Railway)
INDIA

Dear Sir:

Mr. Martin Gardner showed me your very interesting books about the Self-Numbers. I should like to order copies of some of these books. Can you please tell me if you have any copies left of the following?

Books:

- (1) Demlo numbers
- (5) Puzzles of the self numbers
- (13) Demlo numbers Volume II
- (22) Mathematics of the new self numbers (Part V)

Research notes and Pamphlets:

- (7) On wonderful Demlo numbers
- (12) Theory of Demlo numbers
- (20) On Demlo numbers

I have been collecting interesting numbers for ten years, and I am very sorry that it took me until 1974 to come across your books. So that other mathematicians in the United States may see your work, may I make a suggestion? You might send a set of your research notes, pamphlets, and books, to the two greatest mathematical libraries in this country:

The Mathematics Library
Brown University
Providence, Rhode Island 02912
USA

and

The Library of Congress
1st Bet E Cap
& Independent Avenue
Washington, D.C.
USA

Y

The advantage of sending them to the Unpublished Mathematical Tables File is that documents sent there are reviewed in the journal Mathematics of Computation, and so many more people in this country will hear about your very interesting work.

Please let me know if it is possible to buy the pamphlets I mentioned.

With best wishes,

MH-1216-NJAS-mv

N. J. A. Sloane

Serial: 15-3-74

Dear Mr N. J. A. Sloane.

I am S. R. Kaprekar and

I am very glad to read your letter dated 28-2-74

Mr Martin Gardner showed you my books. and you want some of them. except (13) Bembo numbers Volume II all others are available for sale even now with me. you have been collecting interesting numbers for the last 10 years. not only I am the author of many books but I can also show very wonderful mathematical magics and tricks. I have shown my demonstrations to many cities in India at university colleges.

I have a strong desire to come to America for mathematical tricks and magics. I will show them to mathematicians at various universities in America. one of the persons most interested in my work is Mr RAY WEBB.

2240 E 6th street
Tucson Arizona 85715
U.S.A.

This Mr Ray Webb not only purchased all my books but also wrote to Dr W Robert Holmes, Director of United States education foundations in India. to call me to America for my demonstrations in mathematics also national science foundation Washington D.C. and fellowship office National research council Washington D.C. 20468 etc all these people wish to

call me to America for my wonderful mathematical tricks of tumbling boxes revolving dishes hidden number additions, Vidyut magic squares etc etc many many.

you please write to Mr Ray Webb and with his cooperation try to call me to America. otherwise all my wonderful inventions will simply die with me (I am just now 70 years old, but quite fit in health and giving nice lectures and showing Tricks of numbers is my highest joy.

Can you manage to send me about \$6 to dollars. (In the firm name only pay 5 dollars) and I will send you all books that you want and also some more to Brown university and to M-B-E-C Washington and to unpublished mathematical table file etc. (See your letter page 2) - as soon as I get reply from you I will first send about 20 books and then slowly further more books.

I am very thankful to you for your kind letter. Let me also know your age, profession and books publisher by you. Can you arrange to call me to America for my wonderful tricks? Please write soon.

The 1st parcel follows as soon as I get reply of this letter. With best regards I remain Sir yours truly

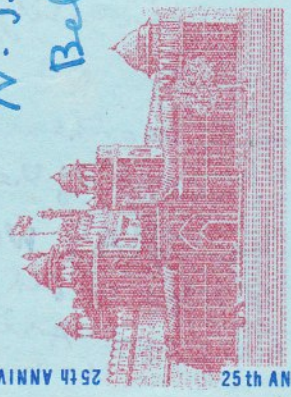
D. R. Kaprekar
 311 Devlali camp
 DEVLALI (Central Railway)
 INDIA

mt. number
 D. H. Tripp
 C. H. Tripp
 are also writing me
 from

25th ANNIVERSARY OF INDEPENDENCE 1972 स्वतंत्रता की 25 वीं वर्षगांठ
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BY AIR MAIL
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 एरोग्राम
 AEROGAMME

N. J. A. SLOANE
 Bell Laboratories
 Gooch Mountain
 MURRAY HILL
 N. J. 07974
 U.S.A.



25th ANNIVERSARY OF INDEPENDENCE 1972 स्वतंत्रता की 25 वीं वर्षगांठ 25th ANNIVERSARY OF INDEPENDENCE 1972

दूसरा मोड़ SECOND FOLD

इस पत्र के अन्दर कुछ न रखिये NO ENCLOSURES ALLOWED

भेजने वाले का नाम और पता: SENDER'S NAME AND ADDRESS:

D. R. Kaprekar
 311 Devlali camp
 DEVLALI (Central Railway)
 INDIA

भारत INDIA

Kaprekar's file

APR 2 1974

Mr. D. R. Kaprekar
311 Devlali Camp
Devlali (Central Railway)
INDIA

Dear Mr. Kaprekar:

It was a great pleasure to get your letter of March 15. Unfortunately I am afraid I am not in a position to invite you to the United States: this appears to be a very difficult problem.

But on the other hand, a much easier problem is to have one's books in the great libraries. This ensures that mathematicians will always have access to them. I had already suggested that you send copies of your books to the two greatest mathematical libraries in this country:

Brown University Library
Providence, Rhode Island 02912
USA

and

The Library of Congress
Washington, D.C.
USA

and also to

The Unpublished Mathematical Tables File
c/o Dr. John W. Wrench, Jr.
Naval Ship Research Center
Carderock Laboratory
Bethesda, Maryland 20034
USA

Mr. D. R. Kaprekar - 2

Since you agreed that this would be a good idea, may I add one more library, the greatest of them all:

The National Reference Library of
Science and Invention
(The British Museum)
25 Southhampton Buildings
Chancery Lane
London W.C.2.

As you probably know, one copy of every book published in Great Britain must be sent to this library. It probably has the best mathematics collection in the world.

I enclose a check for twenty dollars, and look forward to seeing your books.

With best wishes,

MH-1216-NJAS-mv

N. J. A. Sloane